

ATTENDEES:	Lloyd Carpenter	RDC	982-3708
	Al Fleig	900	286-7747
	Harold Geller	RDC	982-3740
	Tom Goff	RDC	982-3704
	Liam Gumley	RDC	982-3748
	Ravi Kumar	STX	513-1630
	Ed Masuoka	920.2	286-7608
	Jim Ormsby	974	286-8611

NEXT MEETING:	Date	Time	Building	Room
	Friday, August 30	10:00 am	16	242

#### TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented the update on the software development in preparation for the upcoming MAS experiment. Recent effort has been concentrated on the development of the MAS infrared band calibration. The routines are written in general form to accept the spectral response functions when they are defined. The calibration tools are now all in place, with the remaining task of integrating them into one controlling program.

2. HDF STATUS: Tom Goff gave a further report on preparing for the use of the HDF format for the MAS Level-1B data. Before the preferred Raster Image Group (RIG) HDF data type can be used, a 16-bit raster image type must be defined and incorporated into the software. It is not clear that this could be done in time for the November experiment. An interim approach would be to use the Scientific Data Group (SDG) data type, which involves putting all of the data into standard floating point form. This would result in a significant increase in data volume.

3. MODIS - SCHEDULER ASSUMPTIONS: Tom Goff presented suggestions on the use of forward and backward pointers to provide the necessary information for handling special cases (such as identifying all of the higher level products which have used a particular set of data which is being reprocessed).

4. DATA MANAGEMENT PLAN: The SDST will begin work on the development of a MODIS Data Management Plan. The plan could be made more consistent with team member requirements if the SDST had access to the corresponding sections of the team member

proposals.

5. IMAGE REGISTRATION: Jim Ormsby discussed information he has received describing image registration work using AVHRR data. Further work in this area is needed for the MODIS case.

6. COMMUNICATIONS LINES: Ed Masuoka, Al Fleig, and Tom Goff discussed various possibilities for improved electronic communications lines between RDC and the LTP computing facilities.

#### ACTION ITEMS:

05/03/91 [Lloyd Carpenter and Tom Goff]: Prepare a Level-1 processing assumptions, questions and issues list, to be distributed to the Science Team Members and the MCST for comment. (The list, the executive summary, information on the EOS Platform Ancillary Data, and a cover letter were delivered for signature and distribution.) STATUS: Open. Due date 06/07/91.

06/07/91 [Liam Gumley]: Speak to Alan Strahler, when he returns, regarding his MAS requirements. (Strahler will be contacted when he becomes available.) STATUS: Open. Due date 07/05/91

05/31/91 [Al McKay and Phil Ardanuy]: Examine the effects of MODIS data product granule size on Level-1 processing, reprocessing, archival, distribution, etc. (Reports were provided on June 21 and 28, 1991.) STATUS: Open. Due Date 06/21/91

06/28/91 [Lloyd Carpenter and Tom Goff]: Prepare a detailed list of scheduler assumptions in relation to Level-1 MODIS processing scenarios. (Lists were provided on July 26 and August 16, 1991.) STATUS: Open. Due date 07/26/91.

08/23/91 [Lloyd Carpenter]: Prepare a response to Dr. Charles Gary at Ames providing copies of existing descriptions of MODIS data flow and processing. This information was requested in connection with the Ames study of using optical processors on EOS instrument data. STATUS: Open. Due Date 09/06/91.